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MEDICAL COMMISSION TO ECUADOR

To prepare for after-the-war commerce and make possible, by prevention of diseases such as yellow fever, a great expansion of trade between the United States and the west coast of South America, the Rockefeller Foundation sent, last summer, a commission to Ecuador. The three American members of this commission, which returned to Chicago early in October, are members of the medical school faculty of Northwestern University, Chicago, Illinois, Dean Arthur I. Kendall, who is a director of the Rockefeller Foundation for experimental work; Professor Charles A. Elliott, and Professor H. E. Redenbaugh. Dean Kendall for two years served under General Wm. C. Gorgas during the construction of the Panama Canal.

The commission left the United States in July and spent most of the time investigating conditions in the hospitals, pest houses and laboratories of the city of Guayaquil, which is the capital and principal city of Ecuador. Latin American papers received here from Guayaquil and other places show that a warm welcome was accorded the investigators who, in their words, were "putting into practise scientific methods for the purpose of investigating the parasite responsible for the yellow fever." The South Americans were also pleased with the prospect that the work of the commission in allaying this disease would prepare the way for the opening of commerce on a larger scale with the United States. At present, there is in preparation a complete report with recommendations of the commission. This will soon be issued by the Rockefeller Foundation and should prove of special interest, not only to scientific men, but to business men and others who are looking to after-the-war commercial expansion.

SCIENTIFIC NOTES AND NEWS

THE autumn meeting of the National Academy of Sciences will be held in Baltimore on Monday and Tuesday, November 18 and 19, 1918, at the Johns Hopkins University, Homewood. Scientific sessions will be held on both days. Luncheons will be served at the Johns

Hopkins Club, where the meetings will also be held. The academy dinner will take place at the Maryland Club on Monday evening.

ON account of the epidemic of influenza the public meetings of the American Ornithologists' Union which were to have been held in New York, November 12 to 14, will be omitted. The regular meeting of the fellows and members for the election of officers and the transaction of other business will be held on Monday evening, November 11, at 8 P.M. at the American Museum of Natural History.

LIEUTENANT COLONEL W. C. SPRUANCE has been placed in charge of chemicals in the Ordnance Department.

PROFESSOR H. A. KENYON, of the college of engineering of the University of Michigan, was commissioned as captain during the month of August, and assigned to the executive division of the general staff.

DR. FRANK T. F. STEPHENSON, past president of the Detroit Section of the American Chemical Society, has been commissioned captain in the Medical Corps.

PROFESSOR I. W. BAILEY, of the Bussey Institute for Research in Applied Biology, has been given leave of absence by Harvard University and has accepted a position in the materials engineering department, Bureau of Aircraft Production, Dayton, Ohio.

PROFESSOR W. R. DODSON, dean of the college of agriculture and director of experiment stations of the Louisiana State University, is working with the Food Administration in the division of agricultural relations.

FRANCIS D. FARRELL, dean in the Kansas State Agricultural College, has been appointed by Governor Arthur Capper to membership in the Kansas council of defense. Dean Farrell has also been made a member of the committee on agricultural production of this body.

MR. PHILIP G. WRIGHTSMAN, formerly instructor in chemistry at Iowa State College, is now in the Chemical Warfare Service working on toxic gases in the Research Division, American University, Washington, D. C.

DR. ROBERT S. McEWEN, on leave of absence from the department of zoology in Oberlin College is in government service at the Army Medical School at Washington, as instructor in parasitology.

PROFESSOR M. F. COOLBOUGH, of the department of chemistry, Colorado School of Mines, is in Washington on leave of absence and is engaged in war work at the Bureau of Mines.

DR. H. M. LOOMIS, formerly of the Bureau of Chemistry, Department of Agriculture, has been made chief inspector of the sardine canneries of Maine and Massachusetts, for the Food Administration.

MR. H. M. FREEBURN has resigned as assistant engineer of the Pennsylvania State Department of Health to become associate with the engineering staff of Wallace and Tiernan Co., New York City, manufacturers of chlorine control apparatus and sanitary engineering specialties.

PROFESSOR R. E. CALDWELL has left his work as chief of the department of dairy husbandry at Purdue University, Lafayette, Indiana, to take charge of the research and educational department recently organized by the Blatchford Calf Meal Company of Waukegan, Illinois. His work will consist mainly in the conducting of feeding experiments in an effort to discover the ingredients necessary to produce the best milk substitute feed for immature animals.

THE last number of the *Journal of Industrial Chemistry* among its personal notes records the following changes from educational to industrial work: Professor Benton Dales, formerly head of the chemistry department of the University of Nebraska, research chemist for the B. F. Goodrich Co., Akron, Ohio; Mr. F. W. Bruckmiller, formerly assistant professor of chemistry at the University of Kansas, chemist for the Standard Oil Co. (Indiana), at Sugar Creek Mo.; Professor J. B. Rather, head of the department of agricultural chemistry in the University of Arkansas, chemist with the Standard Oil Company, New York; Dr. M. L. Crossley, acting

head of the department of chemistry at Wesleyan University, chief chemist for the Calco Chemical Co., Bound Brook, N. J.; Miss Jessie E. Minor, associate professor of chemistry at Goucher College, chief chemist for the Hamerschlag Paper Mills, Garfield, N. J.; Mr. Carleton B. Edwards, head of the chemistry department at Guilford College, chemical engineer in smokeless powder with E. I. de Pont de Nemours and Co. Similar changes are reported in *SCIENCE* almost every week. It would be in the interest of higher education to record the salaries received in the educational and in the industrial positions, and the time and facilities allowed for research work.

"CHEMISTRY and the war" was the subject of an illustrated lecture delivered to the students at Lafayette College on October 23 by Colonel Wilder D. Bancroft, professor of physical chemistry at Cornell University, now of the Chemical Gas Warfare Service.

THE Ingleby Lectures for 1918 before the University of Birmingham were given by Dr. Peter Thompson, professor of anatomy in the university, on October 17 and 24. The subject was "Some problems in embryology."

THE Geographical Association has founded a memorial lectureship in memory of the late Professor Herbertson, and M. Schrader delivered the first lecture in Oxford on November 5. M. Schrader is well known by his *Atlas de géographie historique*, and his continuation of the *Atlas universelle* of Vivien de S. Martin, and for his more recent work in the re-afforestation of French mountain slopes.

THE Prince of Wales has accepted the position of patron of the Ramsay Memorial Fund, founded in November, 1916, to raise £100,000 as a memorial to the late Sir William Ramsay. The committee has already raised £37,000, and subscriptions from oversea committees will probably bring the total to £50,000. It is proposed to raise the remaining £50,000 by a million shilling fund, now opened with a donation of 1,000 shillings from the Prince of Wales. Already over 10,500 shillings have been privately subscribed. The fund will provide Ramsay Research Fellowships and a Ramsay Me-

morial Laboratory of Engineering Chemistry in connection with University College, London. Donations from one shilling upwards should be sent to the honorable treasurer, Lord Glenconner, at University College, London, W.C.1.

THE faculty of the medical school of the University of Minnesota, Minneapolis, has adopted a memorial to its former dean, Frank Fairchild Wesbrook, M.A., C.N., M.D., president of the University of British Columbia, bearing testimony to his qualities as a scientific man, as a leader and administrative officer, and as a councillor and friend.

LIEUTENANT ADMONT HALSEY CLARK, M. C., U. S. Army, assistant professor of pathology in Johns Hopkins University; resident pathologist to Johns Hopkins Hospital; who had done brilliant experimental work in pneumonia and diabetes, died in Johns Hopkins Hospital on October 13, from pneumonia, following influenza, aged thirty years.

MAJOR ALFRED REGINALD ALLEN, instructor in neurology in the University of Pennsylvania, has been killed in France, aged forty-two years. Major Allen was a leading neurologist but preferred to enter active infantry service.

LIEUTENANT GILBERT DOOLITTLE, U. S. Engineers, son of Dr. Charles L. Doolittle, professor emeritus of astronomy in the University of Pennsylvania, was killed in action on September 25, aged forty-five years.

CHARLES S. CAVERLY, M.D., professor of hygiene in the University of Vermont College of Medicine, and president of the State board of Health since 1891, died, on October 16, in Rutland, Vt., Dr. Caverly was widely known as a specialist in infantile paralysis.

DR. ERNEST G. GENOUD, a specialist on fermentation processes and a member of the staff of A. D. Little, Inc., died at his home in Dorchester, Mass., on October 12, of pneumonia following influenza, aged thirty-eight years.

WILLARD E. CASE, known for his contributions to electrical science, died at Auburn,

N. Y., on October 30, of Spanish influenza, at the age of sixty-one years.

WILLIAM MAIN, formerly professor of chemistry in the University of South Carolina and one of the pioneers of the electrical industry, died at his home in Piermont, N. Y., on October 18, in his seventy-fourth year.

HOWARD SHELDON COE, agronomist in the United States Department of Agriculture, died from pneumonia following influenza at Beaumont, Texas, early on the morning of October 25, while absent from Washington on a field trip. Mr. Coe was born at Orrville, Ohio, in 1888, and graduated from the Iowa State College of Agriculture, in which institution he was for a time assistant instructor of botany. In 1913 he was appointed consulting botanist and plant pathologist at the South Dakota Agricultural Experiment Station, which position he held until he entered the service of the United States Department of Agriculture, in July, 1914. He was the author of numerous botanical and agricultural papers.

DR. WILLIAM G. MALLORY, associate professor of physics, in Oberlin College, died of pneumonia on October 19. He received the degree of A.B., from Oberlin in 1905, followed by the master's degree two years later. During this time he was serving as a laboratory assistant. From 1907 to 1909 he was instructor in physics at Oberlin. Then followed a year of study at Cornell University, after which he accepted the professorship of physics and astronomy at Randolph-Macon College. During the winter of 1912-13 Dr. Mallory was a fellow in physics at the University of Chicago, and the next year became acting head of the physics department at Miami University. In 1914 he was called to Cornell as instructor in physics, holding this position until spring of the present year. He received the degree of doctor of philosophy from Cornell in June, 1918, and was chosen to aid in the Carnegie Research work at Ithaca. He went to Oberlin in September, taking the work of Dr. Samuel R. Williams, head of the Oberlin de-

partment of physics, who is at present engaged in war work for the Council of National Defense.

BRIGADIER-GENERAL EDGAR WILLIAM COX, head of the Intelligence Staff of the British Army in France, was accidentally drowned on August 26, aged thirty-six years. His advancement in the army had been rapid. To scientific men he was known for topographical surveys and publications.

SIXTEEN platinum dishes and crucibles were stolen from the Kentucky Agricultural Experiment Station, Lexington, Kentucky, during the week following October 17. The police department of Lexington offers \$100 for their recovery or for information leading to the conviction of the thief. The urgent need for this material at this time deserves earnest effort and cooperation in its recovery.

THE Field Museum of Natural History in Grant Park, Chicago, which is nearing completion, and has cost \$7,000,000, has been turned over to the government for use as a hospital. The interior will be rearranged so that 4,300 patients can be accommodated and a number of smaller buildings will be erected around the main structure for the accommodation of 1,000 nurses. The museum building covers six acres and has more than twenty-five acres floor space.

OVER 30,000 persons paid for admission to the British Scientific Products Exhibition at King's College. Professor R. A. Gregory, chairman of the organizing committee, states that it is proposed to arrange for an annual exhibition of British science and invention.

ALFRED I. DU PONT, the owner of the Grand Central Palace, N. Y., has announced that, notwithstanding the fact that the government is to take over the building for the period of the war as a base hospital for the Army and Navy, he intends to proceed with his plans for creating there a center for world commerce after the war in an Allied Industries Corporation.

The Sibley Journal of Engineering, published at Cornell University, announces that with the November issue it will cease to appear

until the resumption of normal university conditions.

We learn from *The Auk* that at the annual meeting of the British Ornithologists' Union, Dr. W. Eagle Clarke was elected president to succeed Colonel R. Wardlaw Ramsey who had served for the last five years. The membership of the Union stands as follows: Ordinary 423, Extraordinary 1, Honorary 8, Honorary Lady (the only lady members) 8, Colonial 9 and Foreign 19. The Honorary and Foreign (equivalent to the Corresponding Class of the A. O. U.) it will be noticed are much more restricted than in the A. O. U. The American ornithologists represented in these classes are as follows: Honorary, Dr. J. A. Allen, Dr. Frank M. Chapman, Dr. Harry C. Oberholser, Dr. Chas. W. Richmond and Mr. Robert Ridgway. Foreign, Dr. Leonhard Stejneger and Dr. Witmer Stone.

UNIVERSITY AND EDUCATIONAL NEWS

ADDITIONS to the teaching staff of the college of medicine, University of Cincinnati, are Professor Dennis E. Jackson, of Washington University, Professor Albert Prescott Mathews, of the University of Chicago, and Dr. Shiro Tashiro, of the University of Chicago. They have been appointed, respectively, to the chairs of pharmacology, biochemistry and physiological chemistry.

DEAN MORTIMER E. COOLEY, of the department of engineering of the University of Michigan, has been made regional director in the Student Army Training Corps for the district comprising Wisconsin, Michigan and Indiana.

PROFESSOR J. W. YOUNG, of Dartmouth College, has accepted the position of director of the mathematical instruction given under the auspices of the Y. M. C. A., to serve for three months, beginning November 1.

DR. EARL F. FARNAU, assistant professor of chemistry at New York University, has been appointed associate professor of organic chemistry at the University of Cincinnati.